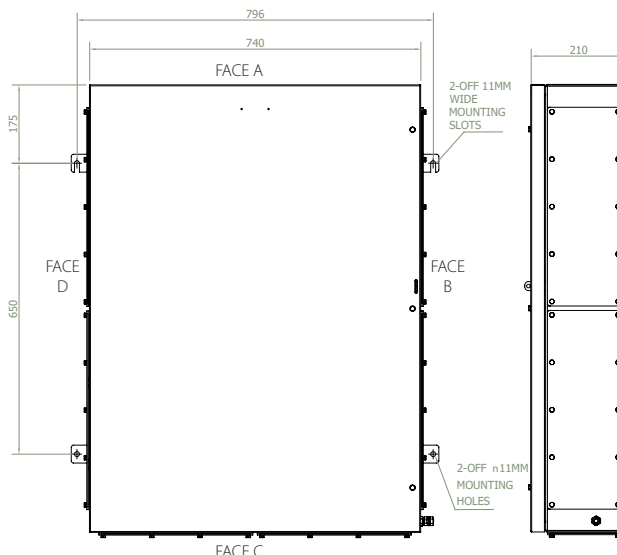
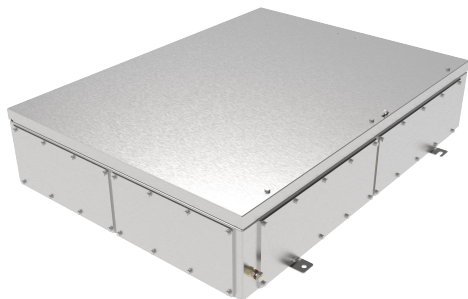




SIZE 9 (S9)

Increased Safety Exe Dual Certified ATEX/ IECEx



The globally certified S9 Stainless Steel Enclosure offers a wide operating temperature, high levels of corrosion resistance and a robust construction, making it an ideal solution for Exe applications.

Technical Data

Ingress Protection	IP66 to IEC/EC 60529; Type 4X
Deluge Protection	DT501
Material	316 Brushed Finish Stainless Steel
Service Temperature	-60°C to +80°C
Temperature Class and Ambient	T6 40°C as standard Optional T5 with ambients up to 65°C For additional options see technical data
ATEX/IECEx	
ATEX/IECEx Protection Class	Ex II 2 GD Ex eb IIC Gb; Ex tb IIIC Db
ATEX Certificate No	Baseefa08ATEX0208X (S9) Baseefa08ATEX0207U (ZS9)
IECEx Certificate Number	IECEx BAS 08.0065X (S9) IECEx BAS 08.0064U (ZS9)
UKEX Certificate Number	BAS21UKEX0042X (S9) BAS21UKEX0034U (ZS9)
Construction & Test Standards	IEC/EN 60079-0, IEC/EN 60079-7 and IEC/EN 60079-31
Marine Approvals	ABS: 17-LD1653735-PDA DNV: TAE00003RY Bureau Veritas: 43523/A1
Additional Certifications	EAC: RU C-GB.HA91.B.00260/21 Inmetro: IEx 16.0144X PESO: P457339
CSA	
NEC Protection Class	Class 1 Div 2 ABCD Class I, Zone 1, AEx e IIC Gb Zone 21, AEx tb IIIC T80°C Db
CEC Protection Class	Ex e IIC Gb Ex tb IIIC T80°C Db
c CSA us Certificate	70039997
Construction & Test Standards	UL 50E, UL12.12.01, UL/CSA-C22.2 60079-0, UL/CSA-C22.2 60079-7, UL/CSA-C22.2 60079-31, CSA-C22.2 No. 94-M91, CSA-C22.2 No. 14-M91
UL	
NEC Protection Class	Class I, Zone 1, AEx eb IIC Gb
CEC Protection Class	Ex eb IIC Gb
UL Certificate No	E181955
Construction & Test Standards	UL 50E, UL508, UL/CSA-C22.2 60079-0, UL/CSA-C22.2 60079-7, CSA-C22.2 No. 94.1-15, CSA-C22.2 No. 14.2-15

FEATURES

- Robust Stainless Steel Construction.
- Superior one piece silicone sponge gaskets for excellent ingress and deluge protection.
- Globally certified.
- Rigid slotted external mounting feet for easy mounting onto structures.
- Stainless steel lid fixing screws with nylon retaining washers to prevent loss of screws during assembly and maintenance.



Terminal Capacity									
Terminal Type	Conductor Size (mm2)		Max Volts	Rail Orientation	Max. Physical Terminal Content			Reduced Terminal Content at Max Amps	
	Min.	Max.			Terminal Qty	Rail Qty	Amps	Terminal Qty	Amps
WDU 2.5	0.5	2.5	690	V	1218	7	2	27	17
				H	1107	9	2		
UT 2.5	0.14	2.5	690	V	1197	7	2	34	15
				H	1089	9	2		
WDU 4	0.5	4	690	V	1008	7	3	26	22
				H	909	9	3		
UT 4	0.14	4	690	V	994	7	3	31	20
				H	900	9	3		
WDU 6	0.5	6	690	V	777	7	5	22	29
				H	702	9	5		
UT6	0.2	6	690	V	749	7	5	24	28
				H	684	9	5		
WDU 10	1.5	10	690	V	616	7	7	20	40
				H	558	9	7		
UT 10	0.5	10	690	V	602	7	7	20	39
				H	549	9	7		
WDU 16	1.5	16	690	V	504	7	9	17	53
				H	450	9	10		
UT 16	1.5	16	690	V	497	7	10	17	53
				H	450	9	10		
WDU 35	2.5	35	690	V	371	7	16	15	80
				H	333	9	17		
UT 35	1.5	35	690	V	378	7	17	22	70
				H	333	9	18		
WDU 50N	6	50	690	V	322	7	19	15	88
				H	96	3	35		
UKH 50	16	50	690	V	301	7	21	17	87
				H	90	3	39		
WDU 70N	10	70	690	V	168	4	31	9	129
				H	58	2	53		
WDU 70/95	16	95	1100	V	64	2	56	11	134
UKH 95	25	95	880	V	70	2	59	10	151
WDU 120/150	35	120	1100	V	54	2	79	12	162
WDU 120/150	35	150	1100	V	54	2	86	15	162
UKH 150	50	150	1100	V	56	2	84	12	176
UKH 240	95	240	1100	V	48	2	110	9	245
WFF 35/AH	2.5	35	1100	V	96	3	34	19	76
WFF 70/AH	2.5	70	1100	V	81	3	52	16	116
RBO 8-HC	6	70	690	V	87	3	48	11	130
WFF 120/AH	6	120	1100	V	40	2	97	14	162
RBO 10-HC	6	150	1100	V	42	2	96	8	216
WFF 185/AH	10	185	1100	V	30	2	135	11	215
RBO 12-HC	10	240	1100	V	34	2	126	6	290
WFF 300/AH	25	300	1100	V	30	2	165	8	316
RBO 16-HC	25	300	1100	V	30	2	165	6	364

* Max terminals are split across the quantity of terminal rails

Maximum Quantity of Entries Per Face								
Thread Size	M16	M20	M25	M32	M40	M50	M63	M75
Face C	64	56	42	20	14	8	6	4
Face B/D	88	76	54	28	20	12	8	6

CAUTION: Entry quantities are calculated based on standard gland diameters. Entry quantity may be affected if using accessories (locknuts, washers etc) with large diameters.